

AMENDMENT TO THE CLAIMS

1. (Previously Presented) A computer-implemented method of creating a new label in a computer-implemented business integration system, wherein the new label is a computer-implemented user interface element configured to identify a control within a user interface associated with the business integration system, the method comprising:
  - receiving data at an interface indicating a desired text for the new label;
  - searching a label database for indications of existing labels that include text matching the desired text, wherein existing labels represented in the label database are computer-implemented user interface elements; and
  - returning to a user, based at least in part on the results of the search of the label database, a list of existing labels that include text matching the desired text.
2. (Cancelled)
3. (Cancelled)
4. (Previously Presented) The method of claim 1 further comprising:
  - creating a new entry in the label database for the new label.
5. (Previously Presented) The method of claim 4 wherein creating a the new entry comprises:
  - assigning a GUID for the new label; and
  - creating a record in a label text database for text associated with the new label.
6. (Previously Presented) The method of claim 5 further comprising:
  - receiving data at the interface indicating a category code for the new label; and
  - receiving data at the interface indicating a description for the new label.
7. (Previously Presented) The method of claim 6 wherein receiving data at the interface indicating a description includes receiving a namespace.

8. (Previously Presented) The method of claim 6 further comprising:  
receiving data at the interface indicating an original language for the new label.
9. (Previously Presented) The method of claim 4 further comprising:  
storing the new label in the label database.
10. (Previously Presented) The method of claim 1 further comprising:  
receiving data at the interface indicating how the new  
label is to be used.
11. (Previously Presented) The method of claim 10 wherein searching the label database for  
existing labels that include text matching the desired text comprises:  
selecting records in the label database having at least a portion of the desired text;  
identifying in the selected records an indication of how the selected record is used;  
comparing the indicated use of the selected records with the indicated use of the new  
label; and  
ordering the selected records based on a the degree of match relative to the desired text  
and indicated use of the new label.
12. (Previously Presented) The method of claim 11 wherein returning to the user the list of  
existing labels comprises:  
displaying the list of existing labels.
13. (Previously Presented) The method of claim 12 wherein displaying the list comprises:  
displaying the list of existing labels where the existing labels having a closest match to  
the desired text are displayed first.
14. (Cancelled)
15. (Currently Amended) The method of claim 11 further comprising:

~~Receiving~~receiving a selection of a label from the list of existing labels; and  
comparing the indicated use of the selected label against the indicated use of the new  
label.

16. (Previously Presented) The method of claim 15 comprising:  
determining that the indicated use of the selected label is not the same as the indicated  
use of the new label; and  
duplicating the selected label to the new label in the label database.
17. (Previously Presented) The method of claim 16 further comprising:  
duplicating to the record in the label text database for the new label any translations in the  
label text database for the selected label.
18. (Previously Presented) The method of claim 16 further comprising:  
associating an ID of the selected label with the new label.
19. (Previously Presented) The method of claim 15 comprising:  
determining that the indicated use of the selected label is the same as the indicated use of  
the new label; and  
using the selected label for the new label.
20. (Cancelled)
21. (Withdrawn) A data structure representing a label comprising:  
a label identification (ID); and  
a label text including text in a plurality of languages.
22. (Withdrawn) The data structure of claim 21 wherein the label ID comprises:  
a unique ID;  
a namespace; and  
a category.

23. (Withdrawn) The data structure of claim 22 wherein the label ID further comprises:  
a description field indicating how the label is used.
24. (Withdrawn) The data structure of claim 23 wherein the label ID further comprises an indication that the label is a duplicate of another label stored in a duplicated from field.
25. (Withdrawn) The data structure of claim 24 wherein the duplicated from field includes the unique ID for the label that the current label was duplicated from.
26. (Withdrawn) The data structure of claim 22 wherein the category further comprises:  
a node type;  
an object type; and  
a property name.
27. (Withdrawn) The data structure of claim 22 wherein the unique ID is a GUID.
28. (Withdrawn) The data structure of claim 22 wherein the label ID includes a field indicating that the label is a master label.
29. (Withdrawn) The data structure of claim 21 wherein the label text comprises:  
a textual phrase entry in an original language; and  
a translation of the textual phrase into at least one of the plurality of languages.
30. (Withdrawn) The data structure of claim 29 wherein the label text further comprises:  
an edited date field for each entry in the label text indicating at least the date that entry  
was created.
31. (Withdrawn) The data structure of claim 30 wherein the label text further comprises:  
a field holding a unique ID for each entry in the label text;  
a field holding an ID of a label in the label ID table that is for the master label; and

a history field indicating information related to a history of the label text.

32. (Withdrawn) The data structure of claim 21 wherein the label ID and the label text are a single metadata table.

33. (Withdrawn) The data structure of claim 21 further comprising:

- a master indication, indicating that a label has a master label; and
- a language indication indicating a selected language that the label was created in.

34. (Withdrawn) A computer readable medium containing computer executable instructions that, when executed, cause a computer to perform the steps of:

- creating a new object in the label database for the new label;
- receiving data into an interface an indication how the new label is used;
- searching a label database for text matching the desired text; and
- returning to the user a list of matches found in the label database.
- selecting one of the matches as a text of the new label.

35. (Withdrawn) The computer readable medium of claim 34 further comprising instructions to perform the steps of:

- assigning a GUID for the new label;
- creating a record in a label text database for the new label;
- receiving a category code for the new label;
- receiving a description for the new label;
- receiving an indication of an original language in which the new label is written; and
- storing versions of the text for the new label in a record in a label text database.

36. (Withdrawn) The computer readable medium of claim 35 further comprising instructions to perform the steps of:

- opening a label dialog interface prior to receiving data into the interface; and
- receiving the data in the label dialog interface.

37. (Withdrawn) The computer readable medium of claim 34 wherein searching the label database for text matching the desired text further comprising instructions to perform the steps of:

- selecting records in the label database having at least a portion of the desired text;
- identifying in the selected records an indication of how the selected record is used;
- comparing the indicated use of the selected records with the indicated use of the new label;
- ordering the selected records based on a match with the desired text and indicated use of the new label;
- displaying the list of matches on the user interface;
- displaying information for each identified entry contained in the label database;
- receiving an indication that one record in the list of matches is a desired entry;
- selecting that entry as the new label; and
- comparing the category of the selected label against the category of the new label.

38. (Withdrawn) The computer readable medium of claim 50 wherein if the category of the selected label is not the same as the category of the new label then further comprising instructions to perform the steps of:

- duplicating the selected label to the new label in the label database; and
- creating an entry in the new label indicating the ID of the selected label.

39. (Withdrawn) The computer readable medium of claim 38 further comprising instructions to perform the steps of:

- duplicating any translations in the label text database to the record in the label text database for the new label.

40. (Withdrawn) The computer readable medium of claim 39 wherein if the none of the selected records includes the desired text then further comprising instructions to perform the steps of:

- receiving an entire portion of the desired text into the new label; and
- assigning a category and a namespace control based upon a current category and namespace control.

41. (Previously Presented) A computer-implemented method of creating a new label in a computer-implemented business integration system, wherein the new label is a computer-implemented user interface element configured to identify a control within a user interface associated with the business integration system, the method comprising:

receiving data at an interface indicating how the new label is to be used;

searching a label database for indications of existing labels, wherein searching comprises

searching based at least in part on the data indicating how the new label is to be used, and wherein the existing labels represented in the label database are computer-implemented user interface elements configured to identify a control within the business solution software system; and

returning to a user, based at least in part on the results of the search of the label database, a list of existing labels.